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Search

1 Pitch adaptive windows for improved excitation coding in low-rate CELP coders

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Rao, A.V.; Ahmadi, S.; Linden, J.; Gersho, A.; Cuperman, V.; Heidari, R.; Speech and Audio Processing, IEEE Transactions on , Volume: 11 , Issue: 6 , Nov. 2003

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Pages:648 - 659

[Abstract] [PDF Full-Text (781 KB)] IEEE JNL

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IFFF Member Digital Library 2 Equal observation interval comparison of maximum entropy and weighted overlapped segment averaging spectrum estimation techniques Dyson, T.; Rao, S.;

Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on , Volume: 29 , Issue: 4 , Aug 1981 Pages:919 - 922

http://ieeexplore.ieee.org/search/searchresult.jsp?SortField=Score&SortOrder=desc&ResultCount=15&coll1=ieeejrns&coll2=ieejr... 3/29/04

Search Results

Page 2 of 3

[Abstract] [PDF Full-Text (504 KB)] IEEE JNL

3 Group delay processing of radar signals Raju, K.; Reddy, G.; Rao, V Acoustics, Speech, and Signal Processing, IEEE International Conference on ICASSP '86. , Volume: 11 , Apr 1986 Pages:1933 - 1936

[Abstract] [PDF Full-Text (192 KB)] IEEE CNF

4 A novel approach to excitation coding in low-bit-rate high-quality CELP

Cuperman, V.; Gersho, A.; Linden, J.; Rao, A.; Tung-Chiang Yang; Ahmadi, S.; Heidari, R.; Fenghua Liu; Speech Coding, 2000. Proceedings. 2000 IEEE Workshop on , 17-20 Sept. 2000 Pages:14 - 16

[Abstract] [PDF Full-Text (312 KB)] IEEE CNF

5 Multirate vector quantization of image pyramids

Rao, R.P.; Pearlman, W.A.; Acoustics, Speech, and Signal Processing, 1991. ICASSP-91., 1991 International Conference on , 14-17 April 1991 Pages: 2657 - 2660 vol.4

[Abstract] [PDF Full-Text (552 KB)] IEEE CNF

6 Effect of spatial smoothing on the performance of noise subspace methods

Rao, B.D.; Hari, K.V.S.; Acoustics, Speech, and Signal Processing, 1990. ICASSP-90., 1990 International Conference on , 3-6 April 1990 Pages: 2687 - 2690 vol. 5

[Abstract] [PDF Full-Text (276 KB)] IEEE CNF

No. Publication No.	Title
1. 2003 - 280664	DEVICE AND METHOD FOR TIME STRETCHING OF MUSICAL WAVEFORM
<b>2.</b> 2003 - 244647	IMAGE RECORDING APPARATUS FOR MONITORING
<b>3.</b> 2003 - 207675	QUARTZ-BASED OPTICAL FIBER AND ITS MANUFACTURING METHOD
4. <u>2003 - 183774</u>	STRIP FOR SHADOW MASK HAVING SATISFACTORY SHAPE AFTER BEING ETCHED
<b>5.</b> <u>2003 - 078890</u>	DIGITAL BROADCAST TRANSMITTER, DIGITAL BROADCAST RECEIVER, DIGITAL BROADCAST TRANSMISSION METHOD, DIGITAL BROADCAST RECEPTION METHOD, AND PROGRAM
<b>6.</b> <u>2003 - 069997</u>	MOVING PICTURE ENCODER
7. <u>2003 - 021470</u>	SYSTEM AND METHOD FOR FEEDING MATERIAL
8. <u>2002 - 278585</u>	NOISE-REMOVING DEVICE
9. <u>2002 - 261850</u>	DEMODULATOR OF ANGLE MODULATION SIGNAL
10. <u>2002 - 219847</u>	PRINTER, METHOD OF INFORMING OF RESIDUAL AMOUNT OF PRINTING AGENT, AND PROGRAM
11. <u>2002 - 044138</u>	NETWORK SYSTEM, CACHE SERVER, RELAY SERVER, ROUTER, CACHE SERVER CONTROL METHOD AND RECORDING MEDIUM
1 <b>2</b> . <u>2001 - 297539</u>	DIGITAL SIGNAL REPRODUCING DEVICE
1 <b>3</b> . 2001 - 233147	BUMPER BEAM STRUCTURE
14. <u>2001 - 157231</u>	VERTICAL DEFLECTION CIRCUIT FOR INSPECTING CRT
15. <u>2001 - 086502</u>	IMAGE PROCESSOR
16. <u>2001 - 047717</u>	RESIDUAL QUANTITY DETECTOR FOR INK RIBBON
17. <u>2000 - 357368</u>	OPTICAL DISK RECORDING DEVICE
18. <u>2000 - 307093</u>	METHOD OF MAXIMIZING SUBSTRATE USAGE
19. <u>2000 - 156798</u>	GHOST ELIMINATING DEVICE
<b>20.</b> <u>2000 - 031568</u>	POWER SUPPLY EQUIPMENT FOR PULSE LASER
<b>21.</b> 11 - 296809(1999)	THIN FILM MAGNETIC HEAD
22. <u>11 - 095785(1999)</u>	VOICE SEGMENT DETECTION SYSTEM
<b>23.</b> 11 - 084055(1999)	REACTOR COOLING SYSTEM
<b>24.</b> 11 - 069654(1999)	SELF-POWER CONTROL AND ITS CONTROL METHOD
<b>25.</b> 11 - 034990(1999)	METHOD AND STRUCTURE FOR PROPELLING FLUID FLOATING VEHICLE AND REDUCING ITS DRAG
<b>26.</b> 11 - 024445(1999)	TRANSFER DEVICE
27. <u>10 - 321927(1998)</u>	PIEZOELECTRIC TRANSFORMER
<b>28</b> . <u>10 - 294132(1998)</u>	CAPACITY ESTIMATING METHOD FOR LEAD-ACID BATTERY
<b>29</b> . <u>10 - 082841(1998)</u>	RESIDUAL CAPACITY ESTIMATING METHOD FOR BATTERY FOR ELECTRIC VEHICLE
<b>30.</b> <u>09 - 327431(1997)</u>	DISHWASHER

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<b>31.</b> <u>09 - 298473(1997)</u>	DATA TRANSMITTER
<b>32.</b> <u>09 - 261198(1997)</u>	MULTIPLEXER
<b>33</b> . <u>09 - 200056(1997)</u>	AUDIO SIGNAL CODING METHOD AND AUDIO SIGNAL CODER
<b>34</b> , <u>09 - 199185(1997)</u>	TESTER FOR SECONDARY BATTERY
<b>35</b> . <u>09 - 159703(1997)</u>	WAVEFORM-ANALYZING METHOD USING WAVEFORM OF OPTIONAL SECTION
<b>36.</b> <u>09 - 079753(1997)</u>	TEMPERATURE CONTROL METHOD FOR HEATING FURNACE
<b>37.</b> <u>08 - 333027(1996)</u>	DEVICE FOR SUPPORTING RESIDUAL PILE OF SHEETS TO BE PRINTED DURING AUTOMATIC PILE CHANGE AND METHOD FOR OPERATING THIS DEVICE
<b>38.</b> <u>08 - 307812(1996)</u>	DIGITAL ELECTRONIC CAMERA AND METHOD FOR DISPLAYING REMAINING RECORDING MEDIUM CAPACITY
<b>39.</b> <u>08 - 307279(1996)</u>	QUANTIZER AND QUANTIZING METHOD
<b>40.</b> <u>08 - 302406(1996)</u>	METHOD AND DEVICE FOR JUDGING TIMING OF COMPLETION OF IRON TAPPING FROM TAP HOLE OF BLAST FURNACE
41. 08 - 255311(1996)	MAGNETIC HEAD DEVICE
<b>42.</b> <u>08 - 248384(1996)</u>	LIQUID CRYSTAL DISPLAY DEVICE
<b>43.</b> <u>08 - 234794(1996)</u>	IMPULSE DRIVING POINT EXTRACTING METHOD AND PITCH WAVEFORM EXTRACTING METHOD AND DEVICE THEREFOR
44. 08 - 221098(1996)	SPEECH CODING AND DECODING DEVICE
<b>45.</b> <u>08 - 221080(1996)</u>	NOISE CONTROLLER
<b>46.</b> <u>08 - 201356(1996)</u>	SONIC VELOCITY MEASURING METHOD FOR SOLID MATERIAL AND ULTRASONIC PROBE
47. <u>08 - 129400(1996)</u>	VOICE CODING SYSTEM
<b>48.</b> <u>08 - 050491(1996)</u>	ACTIVE SILENCER
<b>49.</b> <u>07 - 261798(1995)</u>	VOICE ANALYZING AND SYNTHESIZING DEVICE
<b>50.</b> <u>07 - 221765(1995)</u>	METHOD FOR GENERATING HISTOGRAM REPRESENTING ARRIVAL CELL NUMBER OF ATM EXCHANGE

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51.	07 - 168578(1995)	NOISE CONTROL DEVICE
52.	06 - 348282(1994)	SILENCER
53.	06 - 311326(1994)	RECORDER
54.	06 - 196259(1994)	CARBON ELECTRODE FOR WEATHER/LIGHT RESISTANCE TESTER
55.	<u>06 - 160511(1994)</u>	RADAR SIGNAL PROCESSOR
56.	06 - 077834(1994)	PITCH DETECTOR
57.	05 - 340881(1993)	METHOD FOR DISCRIMINATING DETERIORATED STATE OF REFRACTORY FOR REPAIR
58.	05 - 338417(1993)	TIRETREAD
59.	05 - 276050(1993)	VOICE SOUND VARIABLE RATE TRANSMITTER
60.	<u>05 - 235647(1993)</u>	NOISE REDUCTION DEVICE
61.	05 - 227644(1993)	TRANSFORMER DIAGNOSING EQUIPMENT
62.	05 - 203097(1993)	INSULATING MATERIALS FOR PIPE ELBOWS AND ITS INPREMENTATION METHOD
63.	05 - 139518(1993)	SAFETY DEVICE FOR GRAIN TRANSFER LIFT
64.	05 - 119088(1993)	METHOD FOR PREDICTING WAVEFORM DATA FROM COMPOSITE SINE WAVE
65.	05 - 079926(1993)	RESIDUAL STRESS MEASURING METHOD FOR ALUMINUM NITRIDE SINTERED BODY
66.	05 - 016359(1993)	DRIVING METHOD FOR LIQUID JET RECORDING HEAD
67.	04 - 330496(1992)	MUSICAL SOUND SIGNAL PROCESSOR
68.	04 - 324507(1992)	METHOD FOR CONTROLLING ACCELERATION/DECELERATION OF DRIVE DEVICE AND ROBOT SYSTEM
69.	04 - 311980(1992)	DEVELOPMENT DEVICE
70.	04 - 258037(1992)	VOCODER
71.	04 - 172926(1992)	BATTERY CAPACITY INDICATING CIRCUIT
72.	04 - 045506(1992)	TRANSFORMER
73.	04 - 004378(1992)	FLOW REGULATING VALVE
74.	03 - 289881(1991)	DRIVE CIRCUIT FOR LIQUID CRYSTAL DISPLAY DEVICE
75.	<u>03 - 270061(1991)</u>	PLATE MATERIAL FOR ELECTRONIC AND ELECTRIC EQUIPMENT CONDUCTIVE PART FOR ULTRASONIC BONDING
76.	03 - 216699(1991)	SOUND SOURCE DATA GENERATING METHOD OF SOUND SYNTHESIZER
77.	03 - 122704(1991)	METHOD AND DEVICE FOR GENERATING ACCELERATION/ DECELERATION CURVE
78.	03 - 120924(1991)	MULTIPLEXER WITH IDLE LINE QUANTITY DISPLAY FUNCTION
79.	03 - 120609(1991)	MAGNETIC REPRODUCING DEVICE
80.	03 - 092303(1991)	INJECTION MOLDING OF CERAMIC
81.	03 - 078800(1991)	VOICE RULE SYNTHESIZING SYSTEM
82	02 - 151506(1990)	PNEUMATIC RADIAL TIRE

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83. <u>02 - 107471(1990)</u>	METHOD AND APPARATUS FOR DIRECT ACTING BODY AND PRINTER
84. <u>01 - 217594(1989)</u>	MARKER
<b>85.</b> <u>01 - 155762(1989)</u>	PICTURE COMMUNICATION EQUIPMENT
86. <u>01 - 134400(1989)</u>	PITCH FREQUENCY CONTROL SYSTEM FOR RESIDUAL DRIVING TYPE VOICE SYNTHESIZER
87. <u>64 - 078717(1989)</u>	MATERIAL FEEDING METHOD FOR CUTTING MACHINE
88. <u>64 - 073087(1989)</u>	FORMATION OF METALLIC PATTERN
89. <u>64 - 047170(1989)</u>	FACSIMILE EQUIPMENT
<b>90.</b> <u>64 - 041873(1989)</u>	AUTOMATICALLY INSULATION DIAGNOSING APPARATUS
<b>91.</b> <u>64 - 000999(1989)</u>	PITCH POSITION EXTRACTING SYSTEM
<b>92.</b> <u>63 - 286520(1988)</u>	HEAT TREATMENT OF HEAT TRANSFER PIPE OF HEAT EXCHANGER FOR NUCLEAR REACTOR
<b>93.</b> <u>63 - 261925(1988)</u>	DECODER FOR ADAPTIVE PREDICTING CODE SIGNAL
94. <u>63 - 232962(1988)</u>	GRINDING METHOD
<b>95.</b> <u>63 - 224532(1988)</u>	FM INTERFERENCE WAVE SUPPRESSING SYSTEM
<b>96.</b> <u>63 - 198310(1988)</u>	NOISE FILTER
97. <u>63 - 181235(1988)</u>	MANUFACTURE OF CATHODE-RAY TUBE
<b>98.</b> <u>63 - 142675(1988)</u>	SEMICONDUCTOR SWITCHING DEVICE
99. <u>63 - 111739(1988)</u>	VOICE CODING TRANSMITTER
100. 62 - 260362(1987)	SOLID-STATE IMAGE PICKUP DEVICE

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DUAL LIFE EV	ALUATION	OF MECHA	NICAL PA	RT		

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101.	6:	2 - 247236(1987)	FATIGUE AND RESIDUAL LIFE EVALUATION OF MECHANICAL PART	
	_	2 - 238622(1987)	X-RAY EXPOSURE APPARATUS	
	_	2 - 231527(1987)	DATA TRANSMISSION AND RECEPTION EQUIPMENT	
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	_	2 - 210892(1987)	PICKING-OUT METHOD FOR MOTOR	
	_	2 - 206990(1987)	BAND COMPRESSING SYSTEM FOR COMPONENT VIDEO SIGNAL	
107.	6:	2 - 196783(1987)	CARD DEVICE	
108.	6	2 - 189833(1987)	VOICE CODING AND DECODING DEVICE	
109.	6	2 - 075405(1987)	POLARIZATION PLANE MAINTAINING OPTICAL FIBER	
110.	6:	2 - 062281(1987)	SEISMIC DETECTION/ALARM RECORDER	
111.	6:	2 - 033662(1987)	CONTROL SYSTEM OF MOTOR FOR PRINTER	
112.	6	1 - 244243(1986)	ROTARY ELECTRIC MACHINE	
113.	6	1 - 233929(1986)	METHOD FOR REPRODUCING NECK OF CATHODE-RAY TUBE	
114.	6	1 - 206361(1986)	RESIDUAL IMAGE ERASING DEVICE FOR STORAGE FLUORESCENT SHEET	
115.	6	1 - 206350(1986)	INTERFERENCE WAVE ELIMINATING DEVICE	
116.	6	1 - 117586(1986)	ELECTRIFIED POTENTIAL STABILIZING METHOD OF ELECTROPHOTOGRAPHIC SENSITIVE BODY	
117.	6	1 - 115312(1986)	DEMAGNETIZING DEVICE FOR STEEL MATERIAL	
118.	6	1 - 093665(1986)	MANUFACTURE OF SEMICONDUCTOR DEVICE	
119.	6	1 - 089737(1986)	VOICE ANALYSIS AND SYNTHESIS DEVICE	
120.	6	1 - 010481(1986)	THERMAL TRANSFER TYPE PRINTER	
121.	60	0 - 232860(1985)	SURFACE POLISHING/FINISHING MACHINE FOR WIDE BAND STEEL	
122.	60	0 - 172847(1985)	ADAPTIVE FORECAST CODING SYSTEM	
123.	60	0 - 172846(1985)	CODER	
124.	60	0 - 172845(1985 <u>)</u>	CODER	
125.	60	0 - 157447(1985 <u>)</u>	RECORDING MATERIAL ROLL HAVING RESIDUAL AMOUNT INDEX AND RESIDUAL AMOUNT INDEX DETECTOR	
126.	60	0 - 109954(1985)	AUTOMATIC PHASE CONTROL SYSTEM	
127.	60	0 - 091637(1985)	REDUCED PROJECTION EXPOSING DEVICE	
128.	60	<u>0 - 020214(1985)</u>	SERVO DEVICE OF ROBOT	
	_	0 - 010821(1985)	ADAPTIVE ECHO CANCELLOR	
	_	9 - 203967(1984)	DETECTION SYSTEM FOR WIRE BREAKING OF UNGROUNDED SYSTEM DISTRIBUTION LINE	
	_	9 - 158564(1984)	MANUFACTURE OF FIELD-EFFECT TRANSISTOR	
132.	59	9 - 134361(1984)	EXHAUST GAS PURIFIER ASSOCIATED WITH AIR/FUEL RATIO DETECTING FUNCTION	
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133. <u>59 - 105301(1984)</u>	FERRITE MAGNET
134. <u>58 - 183546(1983)</u>	DEVICE FOR DISPLAYING RESIDUAL QUANTITY OF PAPER
<b>135.</b> <u>58 - 055128(1983)</u>	METHOD AND APPARATUS FOR CONTINUOUS COLD ROLL FORMING OF CHANNEL STEEL
136. <u>57 - 174764(1982)</u>	WORD CUTTING DEVICE
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141. <u>56 - 096016(1981)</u>	PRODUCTION OF HOT ROLLED RAW SHEET MADE OF UNIDIRECTIONAL SILICON STEEL
142. <u>56 - 089342(1981)</u>	SHEET STEEL FOR EASY-TO-OPEN CAP
143. <u>55 - 082579(1980)</u>	SCRAMBLE, DISCRAMBLE SYSTEM IN VIDEO TRANSMISSION SYSTEM
144. <u>54 - 100659(1979)</u>	HOT CATHODE

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	I .	US-5886276-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or	Į.	l i
	i	US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and ( (linear\$4 with continuous\$4 with warp\$4		l l
	1	with contour ) same lag same residual )	Ì	
12	16	((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT:	2004/03/29 09:47
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		US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and (LP\$4 or CELP or RCELP or linear adj		i i
		predict\$4) and inver\$6 with synthe\$6 with filter\$4		
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	1	US-5886276-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or		
		US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and (LP\$4 or CELP or RCELP or linear adj		1
		predict\$4) and inver\$6 with synthe\$6 with filter\$4) and inver\$4 with (speech voice)		
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		US-5886276-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or		
		US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and (LP\$4 or CELP or RCELP or linear adj		
		predict\$4) and inver\$6 with synthe\$6 with filter\$4) and time adj warp\$4		

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1		US-5886276-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or		}
	1	US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and (LP\$4 or CELP or RCELP or linear adj		
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	1	US-5648989-\$ or US-4561102-\$ or US-5704003-\$ or US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or	Î	ŀ
	ł	US-5886276-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or		
		US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and (LP\$4 or CELP or RCELP or linear adj		ŀ
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	i !	US-5886276-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or		
		US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and (LP\$4 or CELP or RCELP or linear adj		
		predict\$4) and inver\$6 with synthe\$6 with filter\$4) and (celp stochastic)		
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		US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and (LP\$4 or CELP or RCELP or linear adj		
	L	predict\$4) and inver\$6 with synthe\$6 with filter\$4) and (celp stochastic code adj excit\$4)		

Search History 3/29/04 11:52:50 AM Page 3 C:\APPS\EAST\Workspaces\09896272.wsp

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ļ		US-5886276-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or		
	1	US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and (LP\$4 or CELP or RCELP or linear adj	l	
		predict\$4) and inver\$6 with synthe\$6 with filter\$4) and (celp stochastic) and ( code with excit\$4)		
-	0	\(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT:	2004/03/27 07:38
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		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and	i	
		(linear adj prediction with residual) same frame and (linear adj prediction with residual) same (irregular\$4		
		with spac\$4 with dominant with peak) and (divid\$4 with residual same ( contiguous non-overlapping)		
	_	and ideal\$4 with signal )		
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		(linear adj prediction with residual) same frame and (linear adj prediction with residual)		
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		(linear adj prediction with residual) same frame and (linear adj prediction with residual) same (irregular\$4		
		with spac\$4 with dominant with peak)		
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		(linear adj prediction with residual) same (irregular\$4 with spac\$4 with dominant with peak)		
	1	(incear adj prediction with residual) same (irregulars4 with spac54 with dominant with peak)		

O   ((((16014622" 578188" 5113553" 518897" 63345248" 6224973" 5115697" 630243" 1577823"   USPAT: US971716" 6397171					
19397178* "6397178" "6449590" "5802109" "4850022" "5913187" "6052859" "4307192" "4477925"   EPO, JPO, DERWENT, 19599483" "5742733" "5774858" "579719" "5812968" "5909515" "5911012" "5999899" "6000387"   IBM_TOB   IBM	-	0			2004/03/27 07:38
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*** **********************************		i			
1,(US-5704003-\$), did. or (EP-764940-\$ or US-6330533-\$), did.)) and (@ad @pd @prad)<=20010629) and (linear adp prediction with residual) same (irregular84 with spacifs with			75699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM_TDB	
(linear adj prediction with residual) same (irregular5a with spac\$4 with dominant with peak\$4) 0 (((rich014622" "5781480" r518939" r5185428" 7624357" "6115687" r6262943" "5778334" r5307460" r5667419" r5499271" r6003004" r6003001" r5104984" r6205423" r6330531" r6377923" r4593388" r54689898" r54504680" r4544919" r4561102" r4811388" r5206884" r5550859" r5621652" r50028541" r6041302" r6047853" r6094628" r510412" r59995899" r50028541" r6041302" r6047853" r6094628" r6118392"), nn. 1 ((rich014622" r57816800" r6118552" r6345248" r6243673" r6315682" r6345248" r5507460" r56657419" r57995271" r6003004" r6003001" r6104994" r6205423" r6330531" r6377923" r593938" r56489898" r4540466" r4544919" r4561102" r4811388" r5206884" r5505859" r5621652" r5025841" r6041302" r60478758" r6094628" r5118587" r60254541" r6041302" r60478763" r6094628" r5118385" r5026884" r5505859" r5621652" r60254541" r6041302" r60478763" r6094628" r5118392"), nn. 1 ((rich014622" r57816800" r6136502" r5915107" r5999684038" r57478334" r5307460" r5667419" r549957119" r5182966" r5909515" r5911012" r599968938" r540468408 r6454919" r4561102" r4811388" r5206884" r5505859" r5621652" r5074603" r5667419" r57995271" r6003004" r6003001" r6104994" r6205423" r6330531" r6377923" r593958" r54686889" r54544919" r4561102" r4811388" r5206884" r5505859" r5621652" r5916018" r5905155" r5911012" r5999898" r6003877 r6025541" r6041302" r6043763" r6094628" r5113583" r5026884" r5505859" r5621652" r560468343" r5747833" r574656" r5797119" r5182966" r5909515" r5911012" r5999898" r6009387" r5025541" r6041302" r6043763" r604628" r518392"), nn. 1 ((rich014522" r5781880" r6113653" r6188979" r6345248" r6243673" r6115687" r6262943" r5778334" r574656" r57995271" r6033048" r60330533-8), idid.)) and (@ad @pd @prad) - 1 ((rich014522" r5781880" r6113653" r6188979" r6345248" r6243673" r6315687" r6262943" r5778334" r5774556" r5797119" r5182966" r5909515" r5911012" r5999899" r6009387" r6025541" r6041302" r6043763" r60340549184 same spac\$4 same dominant same peak\$4) 1 ((rich014522" r5781880" r61136	ļ			-	į
0   (((("6014622" "5781880" "6113653" "6188979" 6345248" "6243673" "6115687" "6269243" "5778334" USPAT; U					
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## 16397176" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"   ## 1539389" "564989" "4540488" "4544919" "4561102" 4811398" "5206884" "5208985" "56201852"   ## 15699433" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"   ## 15699433" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"   ## 15699433" "5742733" "5774856" "6797119" "5812966" "5909515" "6911012" "5999899" "6009387"   ## 15740003-\$) did. or (EP-764940-\$ or US-6330533-\$) did.) and (@ad @pd @prad) <= 20010629) and (irregular54 with spaces "4544918" "56903004" "6000001" "6104994" "6205422" "6330531" "6377923"   ## 15899483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"   ## 15899483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"   ## 15899483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"   ## 15899483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"   ## 15899483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"   ## 15899483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "59998999" "6009387"   ## 15899483" "5742733" "5774856" "5797119" "5812966" "5903515" "5911012" "5999893" "6009387"   ## 158997176" "63377178" "6449502" "604903004" "6003001" "6104994" "6205422" "6301329" "4477925"   ## 158997176" "63377178" "6449500" "5801700001" "6104994" "6205422" "6330537" "1004000000000000000000000000000000000	-	0			2004/03/27 07:38
"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5550859" "5621852" "5998893" "574733" "5774856" "5797119" "5812966" "5990515" "5911012" "5999899" "6009387" "6028541" "6041302" "60443763" "6094628" "6118392"),n. ) (U.S-5704003-S), (di. or. (EP-764940-S or US-6330533-S), (di.)) and (@ad @pd @prad)<=20010629) and (irregular54 with spac54 with dominant with peak54) (Irregular54 with dominant with peak54) (Irregula					
**S699483***5742733**S774856**S79719**S812966**S909515**S911012**S999899**G009387** **B028541**B04102**G04362**G064282**G18392**D, ((US-5704003-\$), did.) rd ((EP-764940-\$ or US-6330533-\$), did.)) and (@ad @pd @prad)<=20010629) and ((irregular\$4 with spacs\$4 with dominant with peak\$4)  **G0074602**S781880**G13653**G188379**G345248**G243873**G115687**G262943**S778334** **S507460**S657419**S799271**G003004**G003001**G104994**G205423**G30359**S621852** **S693398**S649898**4540468**4544919**459506**S909515**S991102**S99899**S021093877** **S028541**G041302**S043763***G094628**G118392**p,n. ) ((US-5704003-\$), did. or (EP-764940-\$ or US-6330533-\$), did.)) and (@ad @pd @prad)<=20010629) and (irregular\$4 with dominant with peak\$4)  **G017616422***S781880**G13655***G1859***G300531**G30531**G115687**G262943**S778334*** **S307460***S657419**S799271***G003001**G104994**G205423**G30531**G37931**G37925***G30531**G37931**G37925***G30531**G37931**G37925***G30531**G37925***G30531**G37931**G37925***G30531**G37931**G37925***G30531**G37931**G37925***G30531**G37931**G37925***G30531**G37931**G37925***G30531**G37931**G37925***G30531**G37931**G37925***G30531**G37931**G37925***G30531**G37931**G37925***G30531**G37931**G37932***G37931**G37932***G37931**G37932****G37932***G37932****G37932***G37932****G37932****G37932****G3793					
**B028541***B041302***G043763***G904628***B118392**).pn. ) ((US-5704003-5), did. or (EP-764940-5 or US-6330533-5), did.)) and (@ad @pd @prad)<=20010629) and (irregular54 with spac.54 with dominant with peak.54) 0 ((("G014622**T581860***G181653***S181897**B16352***B1637**B16368***B1638**S1618897**B1637**B1638**B1638**S1618897**B16368**B16388**B1638**B16388**B16388**B16388					
(I(US-S704003-S) did. or (EP-764940-S or US-6330533-S) did.)) and (@ad @pd @prad)<=20010629) and (irregular54 with spac54 with dominant with peak54)				I IBM_I DB	
((("6014822" "5781880" 6113653" "618979" "6345248" "6243673" "6115687" "6362943" "6778334" USPAT; USPGPUB; "6397178" "649580" (8000001" 6104994" "6205423" "6330531" "6377923" (8000001" 6104994" "6205423" "6330531" "6377923" (8000001" 6104994" "6205423" "6330531" "6377923" (80000001" 6104994" "6205423" "6300531" "6377923" (800000000001" 6104994" 6205423" "6300537" (8000000000000000000000000000000000000					
USPAT: USPAS: USPAT: USPAS: USPAT: US					
"\$307460" "\$657419" "\$799271" "\$6003004" "\$6104994" "\$6205429" "\$4301329" "\$4477925" EPC, JPC, "4593398" "\$648989" "4540468" "4544919" "4581102" "4811398" "\$5208844" "\$550859" "\$62010629) and (irregular\$4 with dominant with peak\$4)  0 (((("6014622" "\$781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6282943" "5778334" USPAT; "5899483" "5742733" "5774856" "5997119" "5812968" "5909515" "5911012" "5999899" "6009387" "US-5704003-5) did. or (EP-764940-5 or US-6330533-5).did.)) and (@ad @pd @prad) <=20010629) and (irregular\$4 with dominant with peak\$4)  1 (((("6014622" "\$781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6282943" "5778334" USPAT; "5893398" "\$6489899" "4640468" "4544919" "4811398" "5206834" "5550859" "621852" US-67UB, "5893398" "56488989" "6840488" "4816398" "481398" "5506834" "5550859" "6210629) and (inear adj prediction with residual) same (irregular\$4 same spac\$4 same dominant same peak\$4)  1 ( ((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" USPAT; US-PGPUB; EPC, JPC, DERWENT; IBM_TDB  48 (((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" USPAT; US-PGPUB; EPC, JPC, DERWENT; IBM_TDB  48 (((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" USPAT; US-PGPUB; EPC, JPC, DERWENT; IBM_TDB  48 (((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" USPAT; US-PGPUB; EPC, JPC, DERWENT; IBM_TDB  49 (((("6014622" "5781880" "6136553" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" USPAT; US-PGPUB; EPC, JPC, JPC, JPC, JPC, JPC, JPC, JPC, J	l <u>-</u>			USPAT:	2004/03/27 07:38
"3397176" "63497178" "644950" "5802109" "4850022" "5913187" "65026894" "3503089" "6521852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "80028541" "6041302" "6043763" "6094628" "6118392"),pn. ) ((US-5704003-5), did. or (EP-764940-5 or US-6330533-5), did.)) and (@ad @pd @prad)<=20010629) and (irregular\$4 with dominant with peak\$4)  0 ((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "US-PG-PUB; EPO, JPO; 16599483" "5774856" "5979119" "58190022" "5913187" "6052659" "4301329" "4477925" "Derwent" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "8099383" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "80928541" "6041302" "6043763" "6094626" "6118392"),pn. ) ((US-5704003-5), did. or (EP-764940-5 or US-6330533-5), did.)) and (@ad @pd @prad)<=20010629) and (linear adj prediction with residual) same (irregular\$4 same spac\$4 same dominant same peak\$4)  1 (((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" US-PG-PUB; EPO, JPO; DERWENT; BM_TDB  48 (((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" US-PG-PUB; EPO, JPO; DERWENT; BM_TDB  49 ((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" US-PG-PUB; EPO, JPO; DERWENT; BM_TDB  40 (((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" US-PG-PUB; EPO, JPO; DERWENT; BM_TDB  40 (((("6014622" "5781880" "61136553" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" US-PG-PUB; EPO, JPO; DERWENT; BM_TDB  40 (((((5014622" "5781880" "61136553" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" US-PG-PUB; EPO, JPO; DERWENT; BM_TDB  40 (((((5014622" "5781880" "61136553" "6188979" "6330531" "6307923" US-PG-PUB; EPO, JPO; DERWENT; BM_TDB  40 (((((5014622" "5781880" "61136553" "61188979" "6345248" "6243673" "6115687" "6262943" "5778334" US-PG-PUB;		1			2004/00/27 07:00
*4593398" **554988" **4540468" **454419" **4561102" **4811398" **5520859" **5521852"   DERWENT; 18M_TDB					
"6028541" "6041302" "6043763" "6094628" "6118392") pn. ) (((US-5704003-\$) did. or (EP-764940-\$ or US-630533-\$).did.)) and (@ad @pd @prad)<=20010629) and (irregular\$4 with dominant with peak\$4)  (((("6014622" "5781880" "6113653" "618979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "6567419" "5799271" "6003001" "6104994" "6205423" "6330531" "6377923" US-PGPUB; "6397178" "6397178" "6449590" "5902109" "4850022" "5913187" "6052659" "4301329" "4477925" EPC, JPO; DERWENT; "5699843" "5742733" "6774856" "5797119" "5812986" "5909151" "5991893" "6009387" IBM_TDB (((("6014522" "5781880" "6113635" "6188979" "639533-\$).did.)) and (@ad @pd @prad)<=20010629) and (linear adj prediction with residual) or lp\$4) same (irregular\$4 same spac\$4 same dominant same peak\$4)  48 ((("6014522" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" US-PGPUB; EPC; JPO; DERWENT; IBM_TDB ((("6014522" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" US-PGPUB; EPC; JPO; DERWENT; IBM_TDB ((("6014522" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" US-PGPUB; EPC; JPO; DERWENT; IBM_TDB (((("6014522" "5781880" "6113655" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" US-PGPUB; EPC; JPO; DERWENT; IBM_TDB (((("6014522" "5781880" "6113655" "5910102" "60397176" "6397178" "6397178" "6397178" "6449580" "5902109" "4850022" "5913187" "60256293" "63750855" "59151852" US-PGPUB; EPC; JPO; DERWENT; IBM_TDB ((((US-5704003-5)) did. or ((EP-764940-\$ or US-633053-\$).did.)) and (@ad @pd @prad)<=20010629) and ((((linear adj prediction with residual) or lp\$4) spac\$4 same (peak\$4 maxim\$8)	Į		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"		
- 0 ) ((US-5704003-\$),did. or (EP-764940-\$ or US-6330533-\$),did.)) and (@ad @pd @prad)<=20010629) and (irregular\$4 with dominant with peak\$4)  0 ((("6014622" "5781880" 6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" US-PG-UB; "6397178" 6397178" 6397178" 6003001" "6003001" "6104894" "602563" "4301329" 4477925" US-PG-UB; "6599483" "5742733" "5774858" "5799271" "5003004" "6003001" "6104894" "5052658" 4301329" 4477925" US-PG-UB; "60928541" "6043102" "6043102" "6052859" "6025854" "6025854" "6043102" "6043102" "6043102" "6043102" "6052854" "5550859" "5621852" US-PG-UB; "6028541" "6043102" "6043763" "6094628" "6118392"),pn. ) ((US-5704003-\$),did. or (EP-764940-\$ or US-6330533-\$),did.)) and (@ad @pd @prad)<=20010629) and (linear adj prediction with residual) same (irregular\$4 same spac\$4 same dominant same peak\$4)  1 (("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" US-PG-UB; EPC, JPC, JPC, JPC, JPC, JPC, JPC, JPC, J		1	"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM_TOB	
((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" USPAT; USPGPUB; "6397178" "6397178" "6044954" "6003001" "6104994" "6205423" "6330531" "6377923" USPGPUB; "65939848" "5742733" "5774858" "599271" "6003001" "6104994" "6205423" "6330531" "6377923" USPGPUB; EPO, JPO; "659398483" "5742733" "5774858" "59911012" "5999899" "6009387" "60028541" "60014302" "6043763" "6014852") "1012" "5999899" "6009387" "60028541" "6014302" "6043763" "60145829" 5116382") "599515" "59911012" "5999899" "6009387" "6028541" "6014302" "6043763" "60145829" "6118382") "5704003-\$), did, or (EP-764940-\$ or US-6330533-\$), did,)) and (@ad @pd @prad) 1 ((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" USPGPUB; EPO, JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; "6397178" "6397178" "6397178" "6345248" "6243673" "6115687" "6262943" "5778334" USPGPUB; EPO, JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; "6397178" "6397178" "639718" "639718" "639718" "639718" "639718" "639718" "639718" "639718" "6052659" "4301329" "4477925" US-PGPUB; EPO, JPO; DERWENT; "5699883" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "60038541" "6041302" "6043763" "6094628" "6118392"),pn. ) ((US-5704003-\$), did, or (EP-764940-\$ or US-6330533-\$), did,)) and (@ad @pd @prad)<=20010629) and ((Inear adj prediction with residual) or lp\$4) spac\$4 same (peak\$4 maxim\$6) 173523	Ĭ	i		_	
Comparison	ļ	1			
"\$307460" *\$657419" *\$799271" *\$603001" *\$614894" *\$6205423" *\$6330531" *\$6377923" US-PGPUB; PO, JPO; DGRWENT; BO39318" *\$6397178" *\$6397178" *\$6397178" *\$649590" *\$802109" *\$4850022" *\$913187" *\$6052659" *\$4301329" *\$447925" DERWENT; BO43638" *\$550859" *\$5621852" DERWENT; BM_TDB (I(I)C-\$704003-\$), did. or (EP-764940-\$ or US-6330533-\$), did.)) and (@ad @pd @prad)<=20010629) and (linear adj prediction with residual) same (irregular\$4 same spac\$4 same dominant same peak\$4) (I(I)C-\$704003-\$), did. or (EP-764940-\$ or US-6330533-\$), did.)) and (@ad @pd @prad)<=20010629) and (linear adj prediction with residual) or lp\$4) same (irregular\$4 same spac\$4 same dominant same peak\$4) US-PAT; US-PGPUB; PO, JPO; DGRWENT; IBM_TDB (II)C-\$704003-\$76113653" *\$6188979" *\$6345248" *\$6243673" *\$6115687" *\$626943" *\$578334" US-PAT; US-PGPUB; PO, JPO; DGRWENT; IBM_TDB (II)C-\$704003-\$76113653" *\$6345248" *\$6243673" *\$6115687" *\$626943" *\$578334" US-PGPUB; PO, JPO; DGRWENT; IBM_TDB (II)C-\$704003-\$7618" *\$6397178	•	i			
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"6028541" "604302" "6043763" "6094628" "6118392") pn.   ((US-5704003-\$), did. or (EP-764940-\$ or US-6330533-\$), did.)) and (@ad @pd @prad)<=20010629) and (linear adj prediction with residual) same (irregular\$4 same spac\$4 same dominant same peak\$4)   US-AT; US-PGPUB; EPO, JPO; DERWENT; IBM_TDB   US-PGPUB; E937176" "6397176" "649595" "6307169" "6307169" "6003019" "6104994" "6205423" "63307531" "6377923"   US-PGPUB; EPO, JPO; DERWENT; IBM_TDB   US-PGPUB; EPO, JPO; DERWENT; IBM_TDB   US-PGPUB; EPO, JPO; DERWENT; ISBN 1768" "6597176" "64945950" "68002109" "4850022" "591316" "60052651" "6377923"   US-PGPUB; EPO, JPO; DERWENT; ISBN 1768" "6597176" "6003016" "6104994" "6205423" "63301329" "4477925"   US-PGPUB; EPO, JPO; DERWENT; ISBN 17641302" "6441302" "6441302" "6013021" "4811398" "5206884" "5550859" "5621852"   US-PGPUB; EPO, JPO; DERWENT; ISBN 17641302" "6043763" "6094628" "6118392") pn.   ((US-5704003-\$), did. or (EP-764940-\$ or US-6330533-\$), did.)) and (@ad @pd @prad)<=20010629) and ((Inear adj prediction with residual) or Ip\$4)   US-PAT; US-PGPUB; EPO, JPO; DERWENT; ISBN 17641302" "6043763" "6094628" "6118392") pn.   US-PAT; US-PGPUB; EPO, JPO; DERWENT; ISBN 17641302" "6043763" "6094628" "6118392") pn.   US-PGPUB; EPO, JPO; DERWENT; ISBN 17641302" "6043763" "6094628" "6118392") pn.   US-PGPUB; EPO, JPO; DERWENT; ISBN 17641302" "6043763" "6094628" "6118392") pn.   US-PGPUB; EPO, JPO; DERWENT; ISBN 17641302" "6043763" "6094628" "6118392") pn.   US-PGPUB; EPO, JPO; DERWENT; ISBN 17641302" "6043763" "6094628" "6118392") pn.   US-PGPUB; EPO, JPO; DERWENT; ISBN 17641302" "6043763" "6094628" "6118392") pn.   US-PGPUB; EPO, JPO; DERWENT; ISBN 17641302" "6043763" "6094628" "6118392") pn.   US-PGPUB; EPO, JPO; DERWENT; ISBN 17641302" "6043763" "6094628" "6118392") pn.   US-PGPUB; EPO, JPO; DERWENT; ISBN 17641302" "6043763" "6094628" "6118392") pn.   US-PGPUB; EPO, JPO; DERWENT; ISBN 17641302" "6043763" "6094628" "6118392") pn.   US-PGPUB; EPO, JPO; DERWENT; ISBN 17641302" "6043763" "6094628" "6118392") pn.   US-PGPUB;					
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- 48 (((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "557419" "5799271" "6003004" "6003001" "6104994" "6205423" "6337923" "6377923" "6397178" "6397178" "6397178" "6397178" "6397178" "6397178" "6397178" "6397178" "6397178" "6397178" "6397178" "6397193" "4850022" "5913187" "6052659" "4301329" "4477925" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-s).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and ((linear adj prediction with residual) or lp\$4) spac\$4 same (peak\$4 maxim\$6) USPAT; US-PGPUB; EPO; JPO; DERWENT;	-	1		USPAT:	2004/03/27 07:39
48 (((("6014622" "5781880" "6113653" "6188979" "6345248" 6243673" "6115687" "6262943" "5778334" USPAT; USP-GPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USP-GPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; USP-GPUB; EPO; JPO; DERWENT; ISBN_TGB** 15649889" "4540468" "4544919" "4861102" "4811398" "5206884" "5550859" "5821852" ISBN_TGB** 15699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" IBM_TDB IB	1	1	( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (		200 1100121 01100
- 48 (((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" USPAT; "5307460" "5657419" "5799271" "6003001" "6104994" "6205423" "6330531" "6377923" USP-GPUB; "6397176" "6397178" "6449590" "4850022" "5913187" "6052659" "4301329" "4477925" EPC; JPO; DERWENT; "6599463" "5742733" "5774735" "5774735" "67774656" "6797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6043302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$), idi., or (EP-764940-\$ or US-6330533-\$), idi.)) and (@ad @pd @prad) <= 20010629) and ( (linear adj prediction with residual) or lp\$4) spac\$4 same (peak\$4 maxim\$6) USPAT; US-PGPUB; EPC; JPO; DERWENT; EPC;		1			
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"\$307460" "\$5577419" "\$799271" "\$003004" "\$003001" "\$104994" "\$205423" "\$330531" "\$377923" US-PGPUB; PO, JPO; DS97176" "\$397176" "\$397178" "\$495900" "\$802109" "4850022" "\$913187" "\$6052659" "4301329" "4477925" DERWENT; \$4593398" "\$5498989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "\$521852" DERWENT; \$6028541" "\$604302" "\$6043763" "\$6094628" "\$118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and ((linear adj prediction with residual) or lp\$4) spac\$4 same (peak\$4 maxim\$6) US-PAT; US-PGPUB; EPO, JPO; DERWENT; Spac\$4 same (peak\$4 maxim\$6)	1				
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"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812986" "5909515" "5991012" "5999899" "6009387" "18041302" "6043763" "6004763" "618392"), pn. ) ((US-5704003-\$), did. or (EP-764940-\$ or US-6330533-\$), did.)) and (@ad @pd @prad)<=20010629) and ((linear adj prediction with residual) or lp\$4) spac\$4 same (peak\$4 maxim\$6) US-PAT; US-PGPUB; EPO; JPO; DERWENT;	1	1			
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) ((US-5704003-\$),did. or (EP-764940-\$ or US-6330533-\$),did.)) and (@ad @pd @prad)<=20010629) and ( (linear adj prediction with residual) or lp\$4) spac\$4 same (peak\$4 maxim\$6)				IRW_LDB	
(linear adj prediction with residual) or lp\$4)  - 178523 spac\$4 same (peak\$4 maxim\$6)  USPAT; US-PGPUB; EPO; JPO; DERWENT;	1	1			
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-	190	( spac\$4 with (peak\$4 maxim\$6)) and 704/.ccls.	USPAT;	2004/03/27 07:39
	i		US-PGPUB;	
1			EPO; JPO;	
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1		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and	1	
1	i i	(LP\$4 or CELP or RCELP or linear adj predict\$4)		1
1-	11	((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT:	2004/03/29 09:44
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1	1	) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		
1	i	(LP\$4 or CELP or RCELP or linear adj predict\$4)) and inver\$6 with synthe\$6 with filter\$4		1
1.	9	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT:	2004/03/27 07:40
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1		"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO; JPO;	!
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		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		
i		(LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual	i	l I
1	_	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT:	2004/03/27 07:40
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i	1 !	(LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual)	1	
L		and (regular with array) same (maxim\$4 peak domina\$4)	I	

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	ŀ	"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT;	
		"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM_TDB	
	1	"6028541" "6041302" "6043763" "6094628" "6118392").pn.	-	Ĭ
	1	) ((US-5704003-\$) did. or (EP-764940-\$ or US-6330533-\$) did.)) and (@ad @pd @prad)<=20010629) and		ĺ
	1	(LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual)		
	1	and (array) same (maxim\$4 peak domina\$4)		
-	0	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT;	2004/03/27 07:40
	1	"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB;	
	1	[ "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO: JPO:	ŀ
	i	"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT;	
		"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM TDB	1
		"6028541" "6041302" "6043763" "6094628" "6118392").pn.		
		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		1
		(LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual)		
		and (regular with (list\$4 array\$4 matri\$4 group\$4 collect\$4 select\$4 assort\$4)) same (maxim\$4 peak		1
		domina\$4)		
-	0	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT;	2004/03/27 07:41
		"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB;	
		"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO; JPO;	
		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT;	
		"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM_TDB	
		"6028541" "6041302" "6043763" "6094628" "6118392").pn.		
		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		
		inverse adj3 synthesis adj3 filter		
-	46	inverse adj3 synthesis adj3 filter	USPAT;	2004/03/27 07:41
			US-PGPUB;	
	]		EPO; JPO;	1
	ì		DERWENT;	!
			IBM_TDB	ļ
-	64	time adj warp and 704/.ccls, and (@ad @pd @prad)<=20010629	USPAT;	2004/03/27 07:41
	1		US-PGPUB;	
	1		EPO; JPO;	
	1		DERWENT;	
	1		IBM_TDB	
-	364	time adj warp\$4 and 704/.ccls. and (@ad @pd @prad)<=20010629	USPAT;	2004/03/27 07:41
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	99	("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT;	2004/03/27 07:41
	1	"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB;	
	1	"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO; JPO;	
		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT;	
		"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM_TDB	
		"6028541" "6041302" "6043763" "6094628" "6118392").pn.	1	
	l		<u> </u>	

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·	T 3	(US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.	USPAT:	2004/03/27 07:41
	1	(65 5) 54555 \$), ald. 5) (21 4 54545 \$) 6 55 555555 \$), ald.	DERWENT	2004/03/21 07.41
1.	1	09/896,272	USPAT:	2004/03/27 07:41
	1		US-PGPUB:	2004/03/27 07.41
ŀ	1		EPO; JPO;	
	1		DERWENT:	
1			IBM TOB	
l -	1 1	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT:	2004/03/27 07:41
	1	"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB:	200-3700.21 0741
		"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO: JPO:	
		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT:	
	1	"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM TDB	
ł	1	"6028541" "6041302" "6043763" "6094628" "6118392").pn.		1
1	1	) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		<b>{</b>
1		(irregular\$4)	ļ	
-	1	(linear adj prediction with residual) same (irregular\$4 same spac\$4 same dominant same peak\$4)	USPAT;	2004/03/27 07:41
	1		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
-	3	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT;	2004/03/27 07:41
		"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB;	
		"6397176" "6397176" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO; JPO;	
		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT;	
İ		"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM_TDB	
İ		"6028541" "6041302" "6043763" "6094628" "6118392").pn.	}	
		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and ( (linear adj prediction with residual) or lp\$4) same (irregular or regular)		
	5	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	HODAT	
1	3	(((( 0014022	USPAT; US-PGPUB:	2004/03/27 07:41
1		"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO: JPO:	
		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT;	
ļ		"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM_TDB	
		"6028541" "6041302" "6043763" "6094628" "6118392").pn.	10.01_100	
		) ((US-5704003-S).did. or (EP-764940-\$ or US-6330533-\$),did.)) and (@ad @pd @prad)<=20010629) and (		
		(linear adj prediction with residual) or lp\$4 celp) same (irregular or regular)		
-	2	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT:	2004/03/27 07:41
		"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB:	200 1100121 01:11
1		"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO: JPO:	
		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT	
	}	"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM_TDB	
		"6028541" "6041302" "6043763" "6094628" "6118392").pn.	_	
		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		
		spac\$4 same (peak\$4 maxim\$6)		
•	11	(( spac\$4 with (peak\$4 maxim\$6)) and 704/.ccls.) and irregular\$4	USPAT:	2004/03/27 07:41
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

-	7	((( spac\$4 with (peak\$4-maxim\$6)) and 704/.ccls.) and irregular\$4) and (celp linear lp\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
•	1	\((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115867" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397178" "6397178" "6349590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5649898" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621652" "5899898" "604368" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392"),pn. \( ((US-5704003-5), did. or (EP-764940-\$ or US-6330533-\$), did.)) and (@ad @pd @prad) <= 20010629) and ((LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual) and time with warp\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TD8	2004/03/27 07:41
-	1	\((((\"6014622" \"5781880" \"6113653" \"6188979" \"6345248" \"6243673" \"6115687" \"6262943" \"5778334" \"5307460" \"5657419" \"5799271" \"6003004" \"6003001" \"6104994" \"6205423" \"6330531" \"6377923" \"6397176" \"6397176" \"6397176" \"6397176" \"6397176" \"6397176" \"6397176" \"6397176" \"6397176" \"6397176" \"6397176" \"6397176" \"6397176" \"6397176" \"6397176" \"6397176" \"6449590" \"5454196" \"4851022" \"5913187" \"6052659" \"4301329" \"4477825" \"45740852" \"4574085" \"5774856" \"577719" \"5812966" \"5909515" \"5911012" \"5999899" \"6009387" \"6028541" \"6041302" \"6043763" \"6094628" \"618392") \n. \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
	6	((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262243" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5649899" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5899483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392"),pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (LPS4 or CELP or RCELP or linear adj predicit\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual) and (mams#4 peak domina\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	2	(((((("6014622" "5761880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5667419" "5799271" "600304" "600304" "601304" "6205423" "6330531" "6377923" "6397176" "6397176" "6349590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5599483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043628" "60043628" "618392"),pn.) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (LPS4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$8 with filter\$4) same residual) and ((inver\$4 array\$4 matri\$4 group\$4 collect\$4 select\$4 assort\$4) same (maxim\$54 peak domina\$4)	USPAT; US-PGPUB; EPO; JPO; OERWENT; IBM_TOB	2004/03/27 07:41
-	2	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "637923" "6397176" "6397178" "6449590" "6802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "521852" "5699483" "574733" "5774856" "5797119" "5812966" "5909515" "5911012" "599899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$), did. or (EP-764940-\$ or US-6330533-\$), did.)) and (@ad @pd @prad)<=20010629) and inverse adj3 synthesis with filter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41

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	31	(inverse adj3 synthesis adj3 filter) and 704/.ccls. and (@ad @pd @prad)<=20010629	USPAT:	2004/03/27 07:41
1	311	( inverse adjo synthesis adjo linter) and 7047.00s. and (@ad @pd @prad)<-20010029	US-PGPUB:	2004/03/27 07,41
	1		EPO: JPO:	
	,		DERWENT:	i
				ì
	15	(time adjustment 4 and 704) and and (Sad Sad Sad Sand) at 2004 0820) and analytical with and (SBD	IBM_TDB USPAT:	2004/03/27 07:41
1-	15	(time adj warp\$4 and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual with modif\$8		2004/03/27 07:41
	1		US-PGPUB;	
i			EPO; JPO;	
			DERWENT;	
		l.,,,,,,,,,	IBM_TDB	
1.	22	(( inverse adj3 synthesis adj3 filter) and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual	USPAT;	2004/03/27 07:41
İ			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_ !		IBM_TDB	
1-	5	(((time adj warp\$4 and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual with modif\$8) ((( inverse	USPAT;	2004/03/27 07:41
Į.		adj3 synthesis adj3 filter) and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual)) and (linear with	US-PGPUB;	
1		extract\$4)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	13		USPAT;	2004/03/27 07:41
		adj3 synthesis adj3 filter) and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual)) and ((linea\$4	US-PGPUB;	
		LP\$4 celp rcelp) with extract\$4)	EPO; JPO;	
i			DERWENT;	
			IBM_TDB	
-	4	((US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or	USPAT:	2004/03/27 07:51
		US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or	US-PGPUB:	
-		US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.) and (inverse with synthesis	EPO, JPO;	
		with filter) same (linear coefficient) same residual	DERWENT:	
			IBM TDB	
-	3	((US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or	USPAT:	2004/03/27 07:51
		US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or	US-PGPUB:	
1		US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.) and (inverse with synthesis	EPO: JPO:	
1		with filter) with (linear coefficient) with residual	DERWENT:	
	1		IBM TOB	
l -	16	(US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or	USPAT:	2004/03/28 14:40
		US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or	DERWENT	
	1	US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.		
1.	4	((US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or	USPAT:	2004/03/28 15:21
1		US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or	US-PGPUB:	
		US-4991214-\$ or US-4932061-\$).did, or (US-6330533-\$ or EP-764940-\$).did.) and residual with (peak high	EPO: JPO:	
		maxima maximum)	DERWENT:	
		,	IBM TDB	
١.	1	((US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or	USPAT:	2004/03/28 15:23
	1	US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or	US-PGPUB:	2007/00/20 13.23
l		US-4991214-\$ or US-4932061-\$), did, or (US-6330533-\$ or EP-764940-\$), did.) and residual with (segment\$4	EPO: JPO:	
l	1	separatS4 divid\$4 pars\$4) with (peak maxima maximum highest high)	DERWENT:	
i	1	The state of the s	IBM TDB	
			LIDIO I DO	1

-	2	[((("6014622" "57818" 6) 6113653" "6188978" "6345248" "6243673" "6115687" "6262943" "577833" ("5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397178" "6347925" "4593398" "5648989" "4540468" "4544919" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621652" "5699483" "5774856" "5774759" "57797119" "5812966" "59099515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-8).did. or (EP-764940-8 or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and residual with (segment34 separats4 divid\$4 pars\$4) with (peak maximum highest high)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 16:00
-	31	704/.ccls, and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maximum highest high)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/28 15:39
-	31	(704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) and (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:57
-	21	(704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) not overlap	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/28 15:50
-	2	((704/ccls, and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) and (non-overlap\$4 nonoverlap\$4 non adj overlap\$4)) and ((704/ccls, and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) not overlap)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/28 15:51
-	0	((704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) not overlap) and overlap	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/28 15:51
-	2	((704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) and (non-overlap\$4 nonoverlap\$4 non adj overlap\$4)) and overlap	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:51
-	4	(704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) and (non-overlap\$4 nonoverlap\$4 non adj overlap\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:51

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-	5	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT;	2004/03/28 15:57
	1	"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB;	
	1	"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO: JPO:	
	1	"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT:	1
}	1	"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM TDB	1
	ł	"6028541" "6041302" "6043763" "6094628" "6118392").pn.		ŀ
		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		
		ideal\$4 with signal		
-	10		USPAT:	2004/03/28 16:03
		"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB:	2004/03/20 10:03
	1	"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"		
	1	"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	EPO; JPO;	
			DERWENT;	
		"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM_TDB	
		"6028541" "6041302" "6043763" "6094628" "6118392").pn.		
		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		
		residual same (segment\$4 separat\$4 divid\$4 pars\$4) same (peak amplitude maxima maximum highest high)		
-	1	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334"	USPAT;	2004/03/29 08:01
		"5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923"	US-PGPUB;	
	1	"6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925"	EPO; JPO;	
		"4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852"	DERWENT;	
		"5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387"	IBM TDB	
		"6028541" "6041302" "6043763" "6094628" "6118392").pn.	<u>-</u>	
		) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and		
		residual same (segment\$4 separat\$4 divid\$4 pars\$4) same (peak amplitude maxima maximum highest high)		
		with (one single)		
_	36		USPAT:	2004/03/28 16:04
	"	maximum highest high) with (one single)	US-PGPUB:	2004/03/26 10:04
		maximum nightest riigh) with tone single)	EPO: JPO:	
			DERWENT;	
	1	(704) and and animal and (704)	IBM_TDB	
-	34		USPAT;	2004/03/28 16:04
	1	maximum highest high) with (one single)) and (@ad @pd @prad)<=20010629	US-PGPUB;	
	1		EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	
-	34	704/.ccls. and residual same (segment\$4 separat\$4 divid\$4 pars\$4) same ((peak amplitude maxima	USPAT;	2004/03/28 16:05
		maximum highest high) with (one single)) and (@ad @pd @prad)<=20010629	US-PGPUB.	
			EPO: JPO:	
	1		DERWENT:	
	1		IBM TDB	